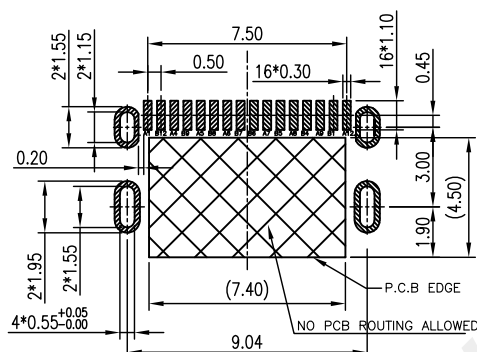
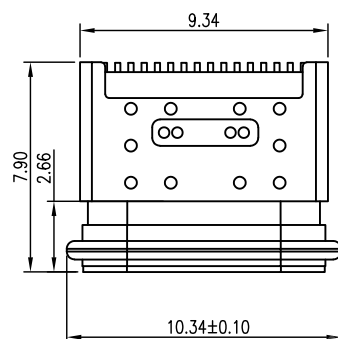
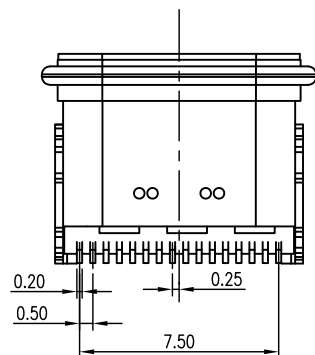
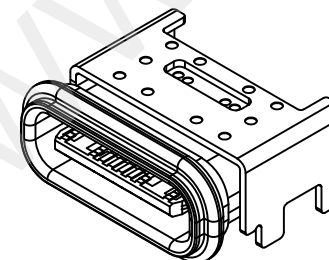
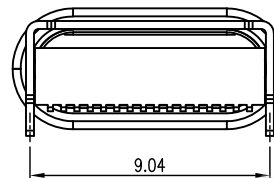
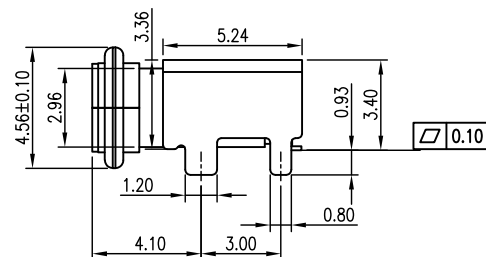
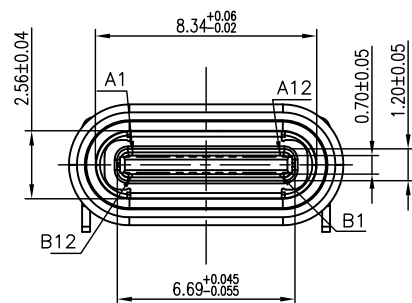
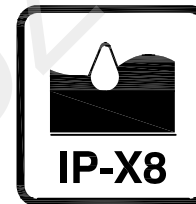
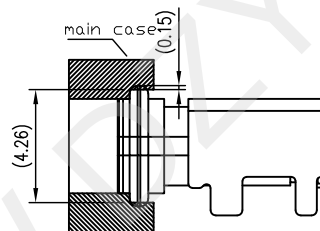




RECOMMENDED PCB LAYOUT
(Tolerance=±0.05)



PANEL CUT-OUT REFERENCE

PIN	Signal Name	Description	PIN	Signal Name	Description
A1	GND	Ground return	B12	GND	Ground return
A4	Vbus	Bus Power	B9	Vbus	Bus Power
A5	CC1	Configuration Channel	B8	SR02	Sideband Use (SR0)
A6	Dp1	Positive half of the USB 2.0 differential pair-Position 1	B7	Dn2	Negative half of the USB 2.0 differential pair-Position 2
A7	Dn1	Negative half of the USB 2.0 differential pair-Position 1	B6	Dp2	Positive half of the USB 2.0 differential pair-Position 2
A8	SR01	Sideband Use (SR0)	B5	CC2	Configuration Channel
A9	Vbus	Bus Power	B4	Vbus	Bus Power
A12	GND	Ground return	B1	GND	Ground return

NOTE:

1. MATERIAL SPECIFICATION:

- 1-1. HOUSING: PA9T
- 1-2. CONTACTS: C7025
- 1-3. EMI SPRING: SUS316
- 1-4. FRONT SHELL: SUS316
- 1-5. SHELL: SUS304
- 1-5. MIDDLE BLADE: SUS301

2. PLATING SPECIFICATION:

- 2-1. CONTACTS:
Ni 50μ" MIN. UNDER PLATED OVER ALL.
3u" Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.
Au GOLD FLASH PLATED ON SOLDER AREA.
- 2-2. SHELL:
Ni 50μ" MIN. UNDER PLATED OVER ALL.

3. ELECTRICAL CHARACTERISTICS:

- 3-1 CONTACT RESISTANCE: 40mΩ Max FOR INITIAL. 10mΩ CHANGE AFTER TEST. MEASURE AT 20mV, 100mA.

- 3-2 CONTACT CURRENT RATING: 5A FOR COLLECTIVELY POWER SUPPLY PIN (PIN1, A4, A9, A12, B1, B4, B9, B12); 1.25A FOR VCONN PIN; 0.25A FOR OTHER SIGNAL PIN.

- 3-3 DIELECTRIC WITHSTANDING VOLTAGE: 100V AC R.M.S.

- 3-4 INSULATION RESISTANCE 100MΩ Min

- 3-5 OPERATING TEMPERATURE: -40° C ~ 85° C

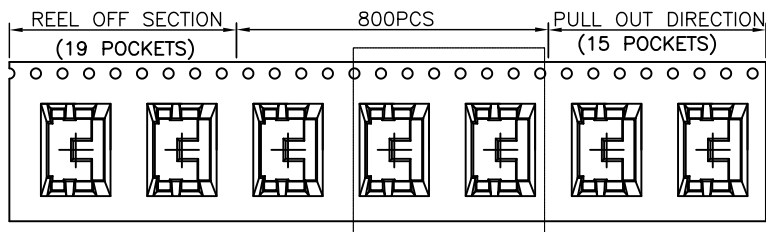
4. MECHANICAL CHARACTERISTICS:

- 4-1 MATING FORCE: 5~20 N.
- 4-2 UNMATED FORCE: 8~20N INITIAL TEST; 6~20N DURABILITY AFTER TEST
- 4-3 DURABILITY: 10,000 CYCLES
- 5. TID: 14520

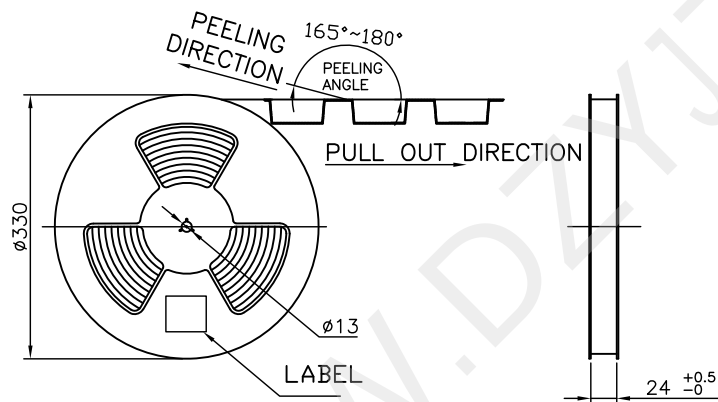
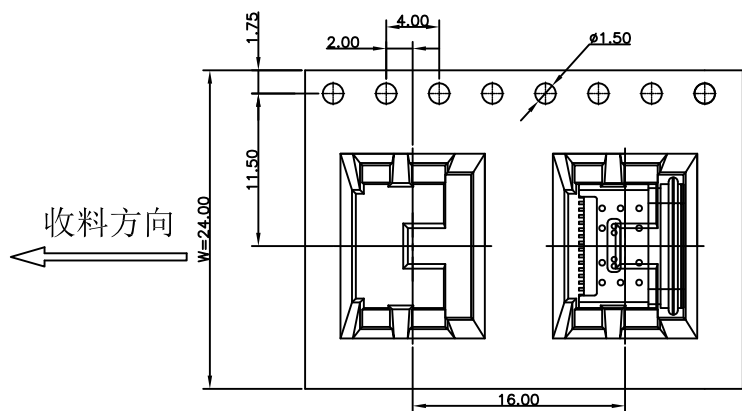


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TOLERANCE: X.X ±0.30 X.XX ±0.25 X.XXX ±0.15 X." ±2" X.X" ±0.5" UNIT: mm [inch] SCALE:1:1 SIZE: A4	DRAWN BY :	DATE :	PART NAME:	
	陈一鸣	2014-02-23	USB TYPE C 防水母座16P 板上SMT L=7.9 外壳四脚DIP	
	CHECKED BY:	DATE :	PART NO.	HYC666-USBC16-790
	马跃	2014-02-23	MOLD NO.	
APPROVED BY:	DATE :	DRAW NO:	HYC-2601061545	
	邱敏	2014-02-23	SHEET NO.	1 OF 1



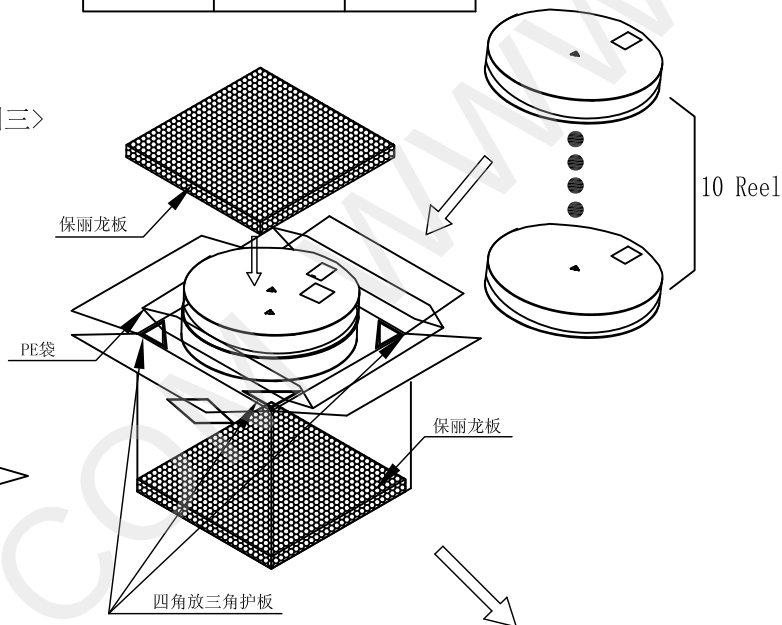
SEE DETAIL X



<TABLE 1> PACKAGING QUANTITY

QTY/REEL	REEL/CARTON	QTY/CARTON
800	10	8000

<图三>



备注

- 依<图一>示放置产品于Carrier tape中, 每穴放置1PCS产品, Carrier tape卷绕时, 前端19PCS和尾端各需预留15PCS空格。
- Cover tape覆盖Carrier tape前端需超出240mmMIN, 后端需留出240mmMIN, 两端都以美文胶贴固。
- 包装机包好后, 在Reel的个等分点贴上胶带, 以防止REEL张开, 每REEL贴1PCS标签, 如<图二>示
- 包装数量见如<TABLE 1>示
- 包装成箱见如<图三>示
箱底放保丽龙板, 再将PE袋 (10个Reel盘, 2PCS干燥剂) 放入箱内, 四角各放一个三角护板, 最上层再放上保丽龙板
- 封箱, 在封好的纸箱侧面中间位置贴上出货标签。



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TOLERANCE: X.X ±0.30 X.XX ±0.25 X.XXX ±0.15 X' ±2" X.X' ±0.5'	DRAWN BY : 陈一鸣	DATE : 2014-02-23	PART NAME: 包装图
UNIT: mm [inch]	CHECKED BY: 马跃	DATE : 2014-02-23	PART NO.
SCALE:1:1 SIZE: A4	APPROVED BY: 邱敏	DATE : 2014-02-23	MOLD NO.
			DRAW NO:
			SHEET NO. 1 OF 1